Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Tuesday 16 Aug 2022 until 23:59 on Wednesday 17 Aug 2022

Forecast Issued on Monday 15 Aug 2022 at 14:37

Confidence: High for cooler temperatures than recently, with more changeable conditions. Low for detail regarding shower detail, and timings of weather front later in week.

Headline for Tuesday 16 Aug 2022: Generally rather cloudy with further showers developing, potentially heavy and thundery.

Mountain weather hazards on Tuesday 16 Aug 2022

Blizzards
No Likelihood

Gales
No Likelihood

Thunderstorms
Low Likelihood

Heavy persistent snow
No Likelihood

Severe chill effect
No Likelihood

Heavy persistent rain
Low Likelihood

Storm force winds
No Likelihood

Poor visibility
Low Likelihood

Strong sunlight
Low Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Cloudy	Cloudy	Cloudy	Cloudy	Heavy rain showers	Heavy rain showers	Heavy rain showers	Light rain showers
Precipitation probability							
<05%	<05%	10%	20%	60%	60%	60%	50%

Forecast for Tuesday 16 Aug 2022

Weather: Generally rather cloudy with isolated showers at first. The showers become more frequent into the afternoon and heavy in places with a chance of lightning and hail. Showers likely to continue through the evening with the risk of thunder lowering.

Chance of cloud-free hill tops above 600m: 50% at first, becoming 90% into the afternoon, but may decrease to 40% by late evening.

Low cloud and visibility: Patchy cloud down to 500m at first, giving poor visibility, should lift above summits through daytime, although any heavy showers may see patches briefly lower again. Outside showers visibility generally good. Into the evening more extensive cloud may develop above 400-500m, especially on eastern slopes.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Mountain Weather Forecast

Forecast for Tuesday 16 Aug 2022

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	6/8 W	6/9 W	6/9 W	6/9 W	8/13 W	9/15 NW	12/19 N	15/23 NE	16/24 NE
300	4/6 W	5/7 W	4/7 W	5/9 W	6/11 W	6/10 NW	11/19 N	14/24 NE	14/25 NE
Valley	2/5 NW	3/7 W	3/6 W	4/8 SW	6/11 SW	5/11 NW	11/21 N	14/28 NE	14/28 NE

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	14/13	13/12	13/12	14/13	14/14	15/14	13/11	11/8	10/7
300	16/16	15/15	15/15	16/16	17/17	18/18	16/14	14/11	12/10
Valley	16/17	16/16	16/16	17/17	18/18	19/18	16/15	14/12	13/11
Freezing Level*	3000m	2900m	2900m	2900m	2900m	2900m	2900m	2900m	2900m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

In/near any heavy or thundery showers winds could briefly become more gusty.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Mon 15 Aug 2022	0mm	0mm	0mm

Forecast for Wednesday 17 Aug 2022

Weather: A cloudy start with showery outbreaks of rain, but it should become drier through the morning with bright or sunny spells developing into the afternoon.

Maximum wind: Northeast 25mph gust 35mph.

Chance of cloud-free hill tops above 600m: 10% becoming 90%.

Low cloud and visibility: Rather extensive cloud likely above 400m through the early hours and into the start of the morning, especially on eastern slopes, giving poor visibility. Cloud will gradually lift and break into the early afternoon, with visibility expected to become generally good.

Temperature: **Valleys:** Plus 14 Celsius becoming 19 Celsius
At 600m: Plus 11 Celsius becoming 14 Celsius.
Freezing level: Above summits.

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